

Long Eaton  
Urban District Council.



**ANNUAL REPORT  
OF THE  
Medical Officer of Health  
WITH THAT OF THE  
Sanitary Inspector.**

**For the Year  
1945.**



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1945

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LONG EATON :  
HASSALL & LUCKING, LTD., PRINTERS CROSS STREET (TEL. 292).

# Long Eaton Urban District Council.

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## PUBLIC HEALTH COMMITTEE

MR. COUNCILLOR A. H. STAPLES (Chairman)

The Chairman of the Council  
MR. COUNCILLOR E. W. BANKS

The Vice-Chairman of the Council, MR. COUNCILLOR W. H. WATTS

MR. COUN. J. C. AUSTIN	MR. COUN. F. H. HARDISTY
“ “ W. E. CRISP	“ “ L. PATTISON
“ “ L. T. DAVYS	“ “ G. E. STEVENSON
“ “ O. FLINT	“ “ R. STILLEY
“ “ P. W. GRIFFIN	“ “ A. E. WIGGINTON

*Representatives on the Shardlow Joint Hospital Board :*

MR. COUN. W. E. CRISP	MR. COUN. J. DREW
“ “ J. R. DAVIS	“ “ P. W. GRIFFIN

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## PUBLIC HEALTH STAFF

*Medical Officer of Health :*

*a b* JOHN MOIR, M.A., M.B., Ch.B.

Mem. Royal San. Inst. Fellow Royal Inst. Public Health

*Chief Sanitary Inspector and Cleansing Superintendent :*

*b* THOMAS WM. WALTON, M.R.San.I., M.S.I.A.  
Certif. Insp. of Meat and Foods

*Clerks :*

G. A. SMITH (Seconded to Ministry of Food)  
C. WHITE (With H.M. Forces)  
Cert. S.I.B.

*Temporary Clerks :*

MRS. M. A. ENGLAND                    MISS M. Y. POPPITT

*Meadow Lane Smallpox Hospital :*

Matron : MRS. E. E. JENNINGS

*a* Part-time Appointment. *b* Salaries contributed to under Public Health Act

LONG EATON URBAN DISTRICT COUNCIL.

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## ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1945.

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MR. CHAIRMAN AND GENTLEMEN,

It gives me great pleasure to present again for the year 1945 my twenty-fourth Annual Report.

Although we are still concerned with a period of great anxiety and even hardships, nevertheless we can rejoice, because it coincides with the cessation of hostilities in the greatest and most devastating war within the recorded history of mankind. No catastrophe has so overwhelmed mankind since the Flood. We may well rejoice, for have we not escaped and overcome the greatest menace to human liberty of all time? We have reached the end of an era and we can perceive the dawn of a new estate for the common man.

Victory came to those who took up arms in defence of human liberty, in support of their individual expression and conscience. Those who were defeated were the slaves of the most wretched visionary theorizing ever expounded by a bunch of imposters.

Let us look forward then with courage and faith to the future. The tasks which lie ahead are enormous. Our domestic policy is far behind and requires care and determination, so do our national problems, they too are vast. Peace in the early years will not be easy, the whole world has been disturbed. The rehabilitation will necessarily be slow and difficult and will require all the patience at our command.

Universally the most important task will be the provision of dwellings for those who do not possess a home. This is urgent. The sooner young married people have their own homes, the fewer will be the separations and divorces.

In spite of all the hardships withstood during the war, it is gratifying to see the apparently healthy men of the children. It will be a great blessing when a more varied diet is available and it will be good for the morale of our womenfolk when it is easier to gratify such simple desires as by the purchase of decent stockings and corsets. I should think never within memory has an order been responsible for so much visceroptosis and chronic mastitis.

One remark I should like to make in conclusion, namely, upon the gradually decreasing number of diphtheria notifications. Since 1942 there has been a consistent decrease annually and this is not only a local finding but is more or less national. One is greatly encouraged to think that in time the disease may be completely eradicated.

I am, Gentlemen,

Your obedient servant,

JOHN MOIR,

*Medical Officer of Health*

**STATISTICAL SUMMARY AND SOCIAL CONDITIONS  
FOR 1945.**

Area—Land 3,425·955 acres	}	..	..	..	3557 acres
Water 131·045 acres		..	..	..	
Elevation of District	..	..	..	..	.89—147 O.D.
Population (Census, 1931)	..	..	..	..	22,340
Population, 1945 (Registrar General)	..	..	..	..	25,720
Density of Population per acre	..	..	..	..	7·23
Number of Inhabited Houses, 1945	..	..	..	..	8,028
Rateable Value, Year ended 31st March, 1946	..	..	..	..	£169,141
Approx. sum represented by a Penny Rate	..	..	..	..	£675 4 9
Rates levied—General	..	..	..	..	.13/- in the £

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**SOCIAL CONDITIONS**

Births	{ Legitimate .. 229 M., 201 F. = 430				474
	Illegitimate .. 26 M., 18 F. = 44				
Birth Rate	..	..	..	..	18·43
Still Births	{ Legitimate .. 5 M., 8 F. = 13				16
	Illegitimate .. 2 M., 1 F. = 3				
Deaths (147 M., 157 F.)	..	..	..	..	304
Death Rate	..	..	..	..	11·82
Number of women dying in, or in consequence of, childbirth	{ From Sepsis ..				Nil
	From other causes ..				1
Deaths of Infants under 1 year of age, per 1000 Live births:					
Legitimate .. 13 M., 15 F.	Total 31	Rate 67·68			
Illegitimate .. 1 M., 2 F.					

TABLE I.

## INFANTILE MORTALITY DURING THE YEAR, 1945.

Causes of Death	Under 1 week				Total undcr 4 wks.	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
	1	2	1 to 2 weeks	2-3 weeks						
Prematurity ..	2	1	—	—	3	—	—	—	—	3
Congenital Heart Disease ..	1	—	1	1	3	—	—	—	—	3
Cellulitis of Neck ..	—	—	—	—	—	—	1	—	—	1
Gastro-Enteritis ..	—	—	2	—	2	—	2	—	—	4
Broncho-Pneumonia ..	1	—	—	1	2	2	1	2	1	8
Hydrocephalus ..	1	—	—	—	1	—	—	—	—	1
Atelectasis ..	1	1	—	—	2	—	—	—	—	2
Icterus Gravis Neonatorum ..	—	1	—	—	1	—	—	—	—	1
Acute Bronchitis ..	—	—	—	—	—	—	—	1	—	1
Exhaustion ..	—	—	—	1	—	—	—	—	—	1
Pertussis ..	—	—	—	—	—	—	—	—	1	1
Asphyxia ..	—	—	—	—	—	—	1	1	1	3
Convulsions ..	—	—	—	—	—	—	—	1	—	1
Inattention at Birth ..	1	—	—	—	1	—	—	—	—	1
<b>Totals</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>31</b>

## TRANSFERABLE DEATHS, 1945

		M.	F.	TOTAL
Shardlow Public Assistance Hospital ..	..	11	15	26
Nottingham General Hospital ..	..	13	8	21
Nottingham Children's Hospital ..	..	4	3	7
Nottingham Women's Hospital ..	..	—	1	1
Notts. County Mental Hospital ..	..	1	—	1
Greendale House Hospital, Nottingham ..	..	—	1	1
Derbyshire Royal Infirmary ..	..	2	4	6
Derby Women's Hospital ..	..	—	4	4
Derby County Mental Hospital ..	..	2	—	2
Nightingale Maternity Home, Derby ..	..	1	—	1
Derbyshire Sanatorium, Chesterfield ..	..	4	1	5
Draycott Isolation Hospital ..	..	—	1	1
Belper Public Assistance Hospital ..	..	7	2	9
Beeston Maternity Home ..	..	3	—	3
Various Towns ..	..	3	3	6
		51	43	94

TABLE II.

### TUBERCULOSIS.

Number of Cases on Register, January, 1945	..	..	258
,,     ,,     notified during 1945	..	..	22
,,     ,,     removed from Register	Recovered 1 Deaths 17 (Left District 1)		19
,,     ,,     on Register, December 31st, 1945			261

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year								
1 and under 5								
5     ,,     10		1					1	
10    ,,    15	1							
15    ,,    20		1				1		
20    ,,    25		1			3	2		
25    ,,    35	7	2					1	
35    ,,    45	3	3					1	
45    ,,    55	2	1				2		
55    ,,    65					3			
65 and upward								
Totals   .....	13	9			10	7		

Nineteen Pulmonary cases received Sanatorium treatment in the Derbyshire Sanatorium.

Two non-Pulmonary cases also received treatment at the Bretby Orthopaedic Hospital.

Fourty-four specimens of Sputum were submitted to the County Laboratory for Bacteriological examination. Three results proved positive and forty-one negative.

## DIPHTHERIA IMMUNISATION

The following figures are based on an amended child population figure at 31st December, 1945 :—

35.47% of the children under five years of age and 64.39% of those between five and 15, had received a complete course of Immunisation at 31st December, 1945. This gives a percentage of 54.29 of the total child population.

## SCABIES

During the year 59 adults and 40 children received treatment at the Slipper Baths, Station Road. Personal clothing was disinfected in each case and where necessary bedding and rooms were also disinfected.

## LABORATORY

The total number of specimens from Long Eaton examined at the County Laboratory is given below :—

Enterica :—		Positive	Negative	Total
Typhoid, Para-typhoid A & B	.. ..	—	12	12
Gaertner, Dysentery, etc.	.. ..	—	—	—
Diphtheria	.. .. ..	9	94	103
Phthisis	.. .. ..	3	41	44
* Water	.. .. ..	6	27	33
Milk :—				
T.B. Inoculations (Routine Samples)	.. ..	1	36	37
* Methylene Blue Test	do. ..	17	35	52
* Bacterial Count	do. ..	—	14	14
* Bacillus Coli	do. ..	17	36	53
Miscellaneous	.. .. ..	2	86	88
		55	381	436

\* Pos.—Unsatisfactory      Neg.—Satisfactory

### WATER SUPPLY.

Your Surveyor and Engineer has kindly supplied the following information relating to Water Supply and Rain Fall:

Gallons pumped at Stanton-by-Bridge Pumping Station, Jan. 1st to Dec. 31st, 1945 ..	95,866,400
Gallons obtained from Nottingham Corporation Jan. 1st to Dec. 31st, 1945 ..	265,000
Supplied from the Derwent Valley Water Board, Jan. 1st to Dec. 31st, 1945 .. ..	190,490,000
Total for the District .. .. ..	286,621,400

The mains throughout the town have been extended where building operations have taken place.

The water supply of the area has been satisfactory in both quality and quantity. Approximately all the population of the town was supplied from public water mains and almost all the dwelling-houses received a direct supply.

Twelve samples of water were taken during the year at source and submitted to the Derbyshire County Council for Chemical and Bacteriological examination.

The results of all the samples submitted for examination were satisfactory.

### RAIN FALL.

	1941	1942	1943	1944	1945
The Rain Fall (Stanton-by-Bridge Pumping Station)	29.70	23.43	21.56	25.38	22.93
The Rain Fall (Town Hall, Long Eaton)	..	27.57	21.71	20.05	26.28
					23.08

## HOUSING.

### No. of New Houses erected during the year.

(i) By the Local Authority .. .. ..	Nil
(ii) By other Local Authorities .. .. ..	Nil
(iii) By other bodies or persons .. .. ..	Nil

### 1. Inspection of Dwelling-houses during the Year.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .. .. ..	324
(b) Number of inspections made for the purpose	623
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 .. .. ..	8
(b) Number of inspections made for the purpose	12
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. .. ..	Nil
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .. .. .. ..	27

### 2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers .. .. .. ..	289
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### 3. Action under Statutory Powers during the Year.

(A) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—	
--	--

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs ..	4
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a)	By Owners .. .. ..	3
(b)	By Local Authorities in default of Owners	0
(B)	Proceedings under Public Health Acts :—	
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. ..	6
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a)	By Owners .. .. ..	5
(b)	By Local Authority in default of Owners	0
(C)	Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made .. ..	0
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders .. ..	0
(3)	Number of houses demolished in anticipation of formal procedure under the Housing Act, 1936	0
(D)	Proceedings under Section 12 of the Housing Act, 1936 :—	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made .. .. .. ..	0
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .. .. .. ..	0
(3)	Number of houses closed in anticipation of formal procedure under the Housing Acts .. ..	0

## REPORT OF THE SANITARY INSPECTOR FOR 1945

To the Chairman and Members of the Long Eaton Urban District Council.

GENTLEMEN,

I have the honour to present my second annual report as Sanitary Inspector.

### Housing

The position has considerably worsened with the demobilisation of young married men from the Forces. They have come home looking forward to the establishment of a home of their own only to find that they are fortunate if they can obtain rooms from relatives. This unsatisfactory state of affairs must be a deterrent to their settling down to civilian life and in the case of hasty marriages may prove disastrous.

In the past seven years 1,750 new homes should have been established.

It is unfortunate that this district does not extend further to the north and west so as to enable development to take place on ground free from the menace of flooding.

### Factories and Workshops

The conversion of the old insanitary trough closets to water closets was commenced and there appears to be no opposition from the owners; unfortunately difficulty in obtaining labour and material has held up the programme.

A tabular statement of progress is shown on page 23.

### Milk and Dairies Order

The sampling of milk has been continued with good results. It is very pleasing to note the care with which the County Council and the Ministry of Agriculture follow up any positive T.B. samples and the detailed reports from the County Council are much appreciated.

The Derbyshire County Council has also co-operated with this Council with regard to the regular fortnightly sampling of Pasteurised Milk treated in this area.

### **Refuse Collection**

The introduction of a bonus scheme has resulted in a speeding up of the refuse collection and now we are practically on a seven-day collection. We are fortunate in having such a good team of workmen.

No doubt the Council's attitude in readily honouring all workmen's agreements is a contributory factor to this satisfactory state of affairs.

### **Pig Food**

Complaints regarding the pig food bins in the streets which were originally placed at the ends of shelters and had necessarily to be moved to lamp posts on the demolition of the shelters, caused some anxiety. From the noise nuisance point of view no doubt people have genuine grounds for complaint and the experiments in towns where separate house-to-house collections of pig food are instituted are being carefully watched.

### **Salvage**

In order to stimulate interest in the collection of waste paper and to say thank you to the children for their magnificent effort in the book drive last year, film displays were held in the schools, the children being asked to bring waste paper on the day of the film show.

As a result 2 tons 4 cwts. 3 qrs. were collected from the schools.

In the last six months of the Ministry's Bonus Scheme we qualified for an additional payment of £20 11s. 0d.

I have to record my appreciation of the work of the staff and the ready assistance of all members of the Council and the other officials throughout the year.

I am, Gentlemen,

Your obedient servant,

THOMAS W. WALTON,

*August, 1946.*

*Sanitary Inspector.*

### INFECTIOUS DISEASE AND DISINFECTION.

Number of visits to premises re cases of infectious disease and disinfection .. .. .. ..	220
Number of School Notices to Day Schools .. ..	63
"      "      "      County M.O.H. .. ..	63
Notices to Libraries .. .. .. ..	36
Number of rooms disinfected after infectious disease ..	102
"      "      " for scabies .. .. .. ..	—
"      "      " for vermin .. .. .. ..	37
"      articles of bedding and other articles disinfected by steam .. .. .. ..	786
"      instances in which bedding, etc., has been destroyed upon request after disease, etc. .. .. .. ..	21
"      Library Books disinfected after infectious disease ..	93
Disinfectant supplied to Education Authorities ..	21 gallons.

### MEADOW LANE ISOLATION HOSPITAL (SMALLPOX).

No cases were admitted during the year.

### FOOD AND DRUGS ACT, 1938

The administration of the above Act is carried out by the Derbyshire County Council.

Mr. W. R. Sutton, F.I.C., County Analyst, has kindly supplied the following information :

Thirty samples were taken under the above Act during the year.

Of these, 24 were milk samples and the remaining six, other foods and drugs.

Of the milk samples one contained a small amount of added water and one was slightly deficient in fat. The vendors were cautioned.

The remaining samples were all satisfactory.

### MILK (SPECIAL DESIGNATIONS) ORDER, 1936

The following annual Licences were granted under the above Order. Description of Licences :—

Dealer's Licence to sell milk as "Tuberculin Tested" ..	2
(a) Pasteurising Establishments .. .. .. ..	2
(b) * Shops and Dealers .. .. .. .. ..	1
(* For 10 shops belonging to one dealer)	
Supplementary Licence to sell milk as "Accredited" ..	1

## THE BACTERIOLOGICAL EXAMINATION OF MILK.

Ninety-two samples of milk were submitted to the Derbyshire County Council's Laboratory for examination during the year.

These included 37 samples of milk which were pasteurised within the area.

The results of the examination of all the samples are shown in the table below :—

MILK PRODUCED IN LONG EATON.

No. of Samples	METHYLENE BLUE		BACILLUS COLI.		TUBERCLE BACILLI	
	Satis.	Unsatis.	Satis.	Unsatis.	Positive	Negative
21	15	6	14	7	1	17

MILK PRODUCED OUTSIDE THE URBAN DISTRICT

24 Accredited	14	10	14	10	—	19
2 Tuberculin Tested	2	—	2	—	—	2
2	1	1	2	—	—	2

MILK PASTEURISED IN LONG EATON

No. of Samples	TOTAL BACTERIAL COUNT		METHYLENE BLUE		PHOSPHATASE TEST	
	Satis.	Unsatis.	Satis.	Unsatis.	Satis.	Unsatis.
37	4	—	25	—	35	2

The Methylene Blue Test could not be carried out in eight instances owing to the shade temperature exceeding 65°F.

HEAT TREATED MILK PRODUCED OUTSIDE THE URBAN DISTRICT

No. of Samples	BACILLUS COLI.		TOTAL BACTERIAL COUNT		PHOSPHATASE TEST	
	Satis.	Unsatis.	Satis.	Unsatis.	Satis.	Unsatis.
6	3	—	3	—	4	2

The County Medical Officer was notified with regard to the tuberculous sample and as a result two cows were found to be affected with tuberculosis and were slaughtered under the Tuberculosis Order, 1937.

In six instances the Guinea Pig died too soon for definite results to be obtained.

### COWSHEDS AND DAIRIES.

Cowkeepers registered	..	..	..	..	12
Cowsheds	..	..	..	..	29
Inspections	..	..	..	..	170
Informal Notices	..	..	..	..	35
Limewashing and cleansing	..	..	..	..	33
Cowsheds re-conditioned	..	..	..	..	—

At 31st December, 1945, there were eight producers of Accredited Milk in the Urban District.

### FOOD STORES AND MARKETS

The following unsound food was surrendered from these premises :—

Canned Meat	..	..	..	147 tins
„ Fish	..	..	..	572 „
„ Milk	..	..	..	396 „
„ Veg, Fruit and Jam	..	..	..	235 „
„ Soup	..	..	..	27 „
„ Fish Roll	..	..	..	4 „
Fish Paste	..	..	..	132 jars
Plaice	..	..	..	173 lbs.
Mussels	..	..	..	98 „
Finney Codlings	..	..	..	70 „
Cod Fish	..	..	..	52 „
Bream	..	..	..	70 „
Cake and Pudding Mixture	..	..	..	140 tins
Benger's Food	..	..	..	4 „
Malted Milk	..	..	..	32 „
Beef	..	..	..	9 lbs.
Sausage	..	..	..	12 „
Peas	..	..	..	5200 „
Beetroot	..	..	..	1 jar
Onions	..	..	..	1 „
Plums	..	..	..	24 lbs.
Sultanas	..	..	..	30 „
Butter	..	..	..	2 „
Flour	..	..	..	1540 „
Mustard	..	..	..	24 tins
Eggs	..	..	..	55

### BAKEHOUSES

Number on Register .. .. ..	13
Number of Inspections .. .. ..	36
Informal Notices served .. .. ..	5
Nuisances abated .. .. ..	3

### WATERCOURSES

Watercourses in the town received attention only when urgent defects arose, owing to lack of labour.

### INSPECTION OF CANAL BOATS.

Number of Boats inspected during 1945 .. .. ..	10
,, conforming to the Acts and Regulations .. .. ..	6
,, infringing the Acts and Regulations .. .. ..	4

#### Details of Infringements :—

Certificates not produced .. .. .. ..	3
Defective larder locker .. .. .. ..	1

Total number for which the cabins were registered .. .. ..	22
,, occupying the cabins .. .. .. ..	21

#### Details of occupants :—

Male adults .. .. .. ..	9
Female adults .. .. .. ..	4
Children of school age .. .. .. ..	5
Children under school age .. .. .. ..	3

### PETROLEUM ACTS.

Number of Premises licensed for the storage of Petroleum and inflammable mixtures :

January, 1945 .. .. ..	30
December, 1945 .. .. ..	33
,, Carbide of Calcium .. .. ..	2
Total storage capacity for Petrol is .. .. ..	22,785 gallons.
,, Carbide .. .. ..	30cwts 28lbs

The total amount received from Petroleum and Carbide Licenses during the year was £19 5s. 0d.

### RATS AND MICE (DESTRUCTION), ACT, 1919.

Number of Inspections .. . . .	282
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The following is a summary of the premises :—

Dwelling-houses .. . . .	87
Allotments .. . . .	3
Cafe .. . . .	1
Factories .. . . .	6
Farm .. . . .	1
Greyhound Track .. . . .	1
Military Camp .. . . .	1
Offices .. . . .	2
Refuse Tip .. . . .	1
Shops .. . . .	6
Slaughterhouses .. . . .	1

### Treatment of Sewers

The systematic treatment of sewers was commenced ; two treatments being carried out during the year.

In the first case the sewers were pre-baited for four days and poison bait laid on the fifth day, sausage rusk and 5% zinc phosphide being used.

In the second instance bread and barium carbonate were used.

The first treatment, according to the Ministry of Food's figures, produced a kill of 2,445 rats and the second treatment, 1,620 rats.

The treatments were carried out by Jennings and the Council's sewer man at a cost of approximately £190 0s. 0d., to the satisfaction of the Ministry of Food and a grant of £111 16s. 0d. was received in respect of the treatments.



Slaughterhouses . . . . .	..	..	..	..	..	3
Smoke Observations . . . . .	..	..	..	..	..	31
Stables and Piggeries . . . . .	..	..	..	..	..	3
Theatres and Music Halls . . . . .	..	..	..	..	..	3
Verminous Premises and Scabies . . . . .	..	..	..	..	..	87
Watercourses . . . . .	..	..	..	..	..	75
Water Supply . . . . .	..	..	..	..	..	19
Miscellaneous . . . . .	..	..	..	..	..	617

### LETTERS AND NOTICES ISSUED, ETC.

Number of Letters and Informal Notices . . . . .	..	..	694
," Statutory Notices served . . . . .	..	..	19

### SANITARY WORK CARRIED OUT.

#### Interior of Houses.

Dirty houses improved and cleansed by tenants . . . . .	..	..	17
Floors of houses re-laid or repaired . . . . .	..	..	20
Walls and Ceilings repaired . . . . .	..	..	16
Windows and Doors repaired . . . . .	..	..	32
Fire-ranges repaired or renewed . . . . .	..	..	26
Dampness remedied . . . . .	..	..	18
Coppers repaired or renewed . . . . .	..	..	13
Burst water pipes repaired . . . . .	..	..	12
Water supply provided . . . . .	..	..	1
Verminous houses dealt with . . . . .	..	..	37

#### Exterior of Houses.

Defective eavesgutters and downspouts repaired . . . . .	..	..	27
Defective Roofs repaired . . . . .	..	..	28

#### Yards and Outbuildings.

Yards and passages re-paved or repaired . . . . .	..	..	12
Outbuildings repaired . . . . .	..	..	8
Yards cleansed and offensive accumulations removed . . . . .	..	..	7

**Drainage.**

Drains cleansed from obstruction .. .. ..	..	..	..	95
Defective drains repaired .. .. ..	..	..	..	3
Sinkwaste pipes provided or repaired .. .. ..	..	..	..	8
Inspection chambers repaired or provided with new air-tight covers .. .. ..	..	..	..	12
Glazed sinks provided .. .. ..	..	..	..	3

**Water Closets.**

Additional W.C.'s provided .. .. ..	..	..	..	2
Trough closets converted to W.C.'s .. .. ..	..	..	..	14
Dirty W.C.'s cleansed .. .. ..	..	..	..	12
Water Closets cleansed or repaired .. .. ..	..	..	..	35
" " provided with new basins and traps .. .. ..	..	..	..	25
Defective water supply to W.C.'s remedied .. .. ..	..	..	..	54

**Dust Bins.**

Houses provided with new sanitary dust bins .. .. ..	..	..	208
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**Various.**

Nuisances from burning of refuse .. .. ..	..	..	1
Nuisances from improper keeping of animals .. .. ..	..	..	10
Accumulations of manure and refuse removed .. .. ..	..	..	8
Samples of water submitted to the County Analyst for Chemical examination .. .. ..	..	..	3
Cases of overcrowding dealt with .. .. ..	..	..	—
Smoke nuisances dealt with from factory chimneys .. .. ..	..	..	3
Miscellaneous nuisances dealt with .. .. ..	..	..	39

**CONVERSION OF TROUGH CLOSETS**

As stated in last year's report a table is submitted showing progress made with the conversion of trough closets. It is to be regretted that labour and material difficulties are holding up the necessary work, as all owners, up to date, appear to favour the changes.

Factory	No. of Trough Closets	No. abolished and W.C.'s substituted	Remarks
A	7	7	—
B	3	—	Order placed with Contractor.
C	12	12	—
D	31	10	Ten converted to W.C.'s as a trial to see if used properly.
E	16	—	Owner agrees in principle and will reconsider matter in 12 months.
F	23	—	Scheme prepared by Builder.
G	22	—	Scheme prepared and plans will be submitted to Council at an early date.
H	8	—	Proposals appear to have Owner's sympathy but no progress yet.
I	4	—	Alterations pending — other W.C.'s available.
J	9	—	Scheme prepared for conversion of troughs and in Builder's hands.
K	9	—	Extensive alterations in view.
L	3	—	Firm has converted troughs at one factory and have asked Builder to prepare scheme.
M	4	—	Writing to Owner.
N	3	3	—
O	3	—	Writing to Owner.

### PUBLIC CLEANSING SERVICE

During the year ending 31st March, 1946, the sale of Soil realised £3 5s. 0d.; the charges for tipping, £20 4s. 6d.; the removal of trade refuse, £124 9s. 6d., and the value of materials salvaged (as shown in table below) was £2,072 18s. 1d.

The Cleansing Department also disposes of refuse free of cost from the Markets, Cemetery and other Departments of the Council. No less than 438 loads from these sources were dealt with.

The number of premises from which regular collection of refuse was made was 8,505.

Owing to the number of sanitary dust bins which became unuseable, application was made to the Ministry of Health for Form M. authorising the use of the necessary steel, and 203 sanitary dust bins were supplied to replace bins which became unfit for use. £174 12s. 0d. was received from the sale of the bins.

By arrangement with the Beeston and Stapleford U.D.C., your Council collects and disposes of refuse from 15 houses in that district at an annual charge of £9 7s. 6d.

The Shardlow R.D.C. collect nightsoil and house refuse from two cottages and a house near Sandiacre Lock and a Bungalow, Longmoor Road, at a cost of £1 per house, per annum.

The following table shows the quantity of salvage collected and is in accordance with the monthly returns made to the Ministry of Supply :—

MATERIALS	WEIGHT			AMOUNT		
	Tons	cwts.	lbs.	£	s.	d.
Waste Paper (all kinds) ..	175	14	64	1187	1	5
Black Scrap .. ..	2	11	56	6	8	9
Non-ferrous metals.. ..		14	28	12	9	5
Textiles .. .. ..	18	9	33	198	3	4
Bones .. .. ..	2	10	28	13	7	3
Bottles and Jars .. ..	23	13	0	210	18	6
Miscellaneous .. ..	3	1	42	43	2	11
Kitchen Waste .. ..	267	11	0	401	6	6
<hr/>			<hr/>			<hr/>
Totals ..	494	5	27	£2072	18	1
<hr/>			<hr/>			<hr/>

### Concentrated Kitchen Waste.

Amount sold April, 1945—March, 1946, 142 tons 17 cwts.

This was purchased from Nottingham Corporation at a cost of £532 3s. 5d., and the amount received from the sale was £625 1s. 3d.

**THE TOTAL COST OF COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE**  
 (including Cesspools) for the Year ending 31st March, 1946.

	House and Trade Refuse			Salvage			Kitchen Waste			Nightsoil and Cesspools			Total
	Collection	Disposal											
Wages	3005	9	s. d.	732	11	s. d.	820	11	9	274	17	10	4875
Holiday and Sick Pay	127	10	2	31	1	8	34	16	3	11	13	3	4
Superannuation	104	2	10	25	6	7	28	8	5	9	10	1	15
Taxes and Insurances	102	19	6	25	0	11	28	2	0	9	8	0	206
Motor Transport	738	19	6	179	14	8	201	13	4	67	9	2	168
New Vehicle	365	13	0	89	1	0	99	19	0	33	3	0	19
Materials and Repairs	127	0	0	30	17	10	52	1	5	7	10	0	592
War Service Allowances	63	19	3	15	11	2	—	—	—	—	—	—	225
Con. Kitchen Waste, etc.	—	—	—	—	—	—	551	12	5	—	—	—	3
Dustbins	145	2	8	—	—	—	—	—	—	—	—	—	145
* Gross Expenditure	4780	16	5	1129	4	11	1265	12	2	965	3	9	8210
Income	318	12	6	34	10	10	1719	16	9	1024	11	9	14
Total Net Cost	4462	3	11	1094	14	1	—	—	—	—	—	—	3097
Surplus	—	—	—	—	—	—	454	4	7	59	8	0	11
										69	17	6	5113
													2 11

\* Includes £88 cost of Footpath to River Trent along Tip Road

HOUSE AND TRADE REFUSE.  
TABLE SHOWING COSTS FOR THE YEAR ENDED 31st MARCH, 1946.

Item. 1	Particulars 2	I. COLLECTION		II. DISPOSAL.		III. TOTAL	
		3	4	4	5	4	5
<b>REVENUE ACCOUNT.</b>							
A Gross Expenditure	..	..	..	..	..	4780 16 5	..
B Gross Income	..	..	..	..	..	318 12 6	..
C Net Cost	..	..	..	..	..	4462 3 11	..
<b>UNIT COSTS.</b>							
D Gross Expenditure per ton	..	..	..	..	..	16 7	..
E Gross Income per ton	..	..	..	..	..	1 1	..
F Net cost per ton	..	..	..	..	..	15 6	..
G Net cost per 1000 population	..	..	..	..	..	173 9 9	..
H Net cost per head	..	..	..	..	..	3 5 $\frac{3}{4}$	..
I Net cost per 1000 houses or premises from which refuse is collected	..	..	..	..	..	524 13 1	..
J Net cost per house	..	..	..	..	..	10 6	..
<b>RATE POUNDAGE.</b>							
K Net cost, equivalent rate in the £	..	..	..	..	..	6·608d.	..
L Percentage of K to total rates in the £	..	..	..	..	..	4·24%	..
						1·621d.	..
						1·04%	..
						5·28%	..
						8·229d.	..

The total quantity of refuse collected for the year ending March 31st, 1946, was 5,767 tons.

Per 1000 population per annum (365 days) .. .	224 tons
„ 1000 „ „ day .. . .	12.3 cwts.
„ head per annum (365 days) .. . .	4.48 cwts.
„ house per annum (including business premises) ..	13.5 cwts.

Estimated Population 25,720.

Area of District, 3,557 acres.

No. of houses and premises, 8,505.

Average No. of houses scavenged per ton, 79.

Method of Disposal : Controlled tipping 100%

Average haul to point of disposal, 2½ miles.

Number of Employees, including Foreman, 20.

# INDEX.

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Bakehouses .. .. .. .. .. .. .. ..	18
Canal Boats .. .. .. .. .. .. .. ..	18
Collection and Disposal of House and Trade Refuse .. .. .. ..	25-27
Complaints .. .. .. .. .. .. .. ..	20
Conversion of Trough Closets.. .. .. .. .. .. .. ..	22-23
Cowsheds and Dairies .. .. .. .. .. .. .. ..	17
Diphtheria Immunisation .. .. .. .. .. .. .. ..	9
Food and Drugs Acts, &c. .. .. .. .. .. .. .. ..	15
Food Stores and Markets .. .. .. .. .. .. .. ..	17
Housing .. .. .. .. .. .. .. ..	11-12
Infantile Mortality .. .. .. .. .. .. .. ..	6
Infectious Disease and Disinfection .. .. .. .. .. .. .. ..	15
Kitchen Waste .. .. .. .. .. .. .. ..	24
Laboratory .. .. .. .. .. .. .. ..	9
Letters and Notices Issued .. .. .. .. .. .. .. ..	21
Meadow Lane Isolation Hospital .. .. .. .. .. .. .. ..	15
Milk Samples .. .. .. .. .. .. .. ..	16
Milk (Special Designations) Order .. .. .. .. .. .. .. ..	15
Notifiable Disease .. .. .. .. .. .. .. ..	7
Petroleum Acts .. .. .. .. .. .. .. ..	18
Public Cleansing Service .. .. .. .. .. .. .. ..	23-24
Public Health Committee and Sub-Committee .. .. .. .. .. .. .. ..	2
Public Health Staff.. .. .. .. .. .. .. ..	2
Rainfall .. .. .. .. .. .. .. ..	10
Rats and Mice (Destruction) Act, 1919 .. .. .. .. .. .. .. ..	19
Sanitary Inspection of Area .. .. .. .. .. .. .. ..	20
Sanitary Work .. .. .. .. .. .. .. ..	21-22
Scabies .. .. .. .. .. .. .. ..	9
Social Conditions .. .. .. .. .. .. .. ..	5
Statistical Summary .. .. .. .. .. .. .. ..	5
Transferable Deaths .. .. .. .. .. .. .. ..	6
Tuberculosis .. .. .. .. .. .. .. ..	8
Water Courses .. .. .. .. .. .. .. ..	18
Water Supply .. .. .. .. .. .. .. ..	10



